

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. (Canceled)

2. (Currently Amended) A channel plate, comprising:

a substrate having plural pores extending therethrough, each pore being defined by a respective inner wall surface of the substrate surrounding the pore;

a first electrode placed on ~~the top face~~ an upper surface of the substrate; and

a second electrode ~~placed on the bottom face~~ disposed along a lower surface of the substrate; and [[,]]

electron multipliers comprised of at least one of diamond, graphite, and carbon, or a mixture of at least one thereof, each electron multiplier being disposed along a corresponding inner wall surface of the substrate surrounding a corresponding pore

~~wherein: said substrate is a porous element having a plurality of pores extending therethrough;~~

~~wherein the porous element is formed with a compound including aluminum and the porous element has an electron multiplier on a wall surface of the pore.~~

3. (Currently Amended) The channel plate according to claim 2, wherein ~~said~~ each electron multiplier emits secondary electrons due to collision of ~~the~~ electrons with ~~said~~ the electron multiplier.

4. (Currently Amended) The channel plate according to claim 2, wherein ~~said each~~ electron multiplier has oxide grains of which a secondary electron emission coefficient is larger than one.

5. (Currently Amended) The channel plate according to claim 2, wherein ~~said porous element~~ the substrate has aluminum oxide as ~~its~~ a main ingredient.

6. (Currently Amended) The channel plate according to claim 2, wherein ~~said each~~ electron multiplier is formed by coating the corresponding wall surface of the substrate surrounding the corresponding pore of said porous element.

7. (Original) An image intensifier having the channel plate according to claim 2.

8. (Original) A photomultiplier having the channel plate according to claim 2.

9. - 14. (Canceled)